

Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
 Data File : BN035814.D
 Acq On : 24 Dec 2024 10:46
 Operator : RC/JU
 Sample : P5261-19DL 5X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 RE120D3-20241210DL

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 12/25/2024
 Supervised By :mohammad ahmed 12/26/2024

Quant Time: Dec 24 23:16:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_N\Methods\8270-SIM-BN112724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 19 23:06:19 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.264	152	2596	0.400	ng	0.00
7) Naphthalene-d8	10.009	136	5729	0.400	ng	-0.01
13) Acenaphthene-d10	13.924	164	3974	0.400	ng	-0.01
19) Phenanthrene-d10	16.698	188	8212	0.400	ng	# 0.00
29) Chrysene-d12	20.947	240	7046	0.400	ng	# 0.00
35) Perylene-d12	23.032	264	7087	0.400	ng	# 0.00
System Monitoring Compounds						
4) 2-Fluorophenol	4.931	112	208	0.032	ng	0.00
5) Phenol-d6	6.484	99	138	0.018	ng	0.00
8) Nitrobenzene-d5	8.429	82	365m	0.104	ng	0.02
11) 2-Methylnaphthalene-d10	11.646	152	806	0.090	ng	0.03
14) 2,4,6-Tribromophenol	15.453	330	138m	0.049	ng	0.00
15) 2-Fluorobiphenyl	12.554	172	1265	0.084	ng	0.00
27) Fluoranthene-d10	18.757	212	2456	0.106	ng	0.00
31) Terphenyl-d14	19.384	244	1770	0.127	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.974	88	5530	2.228	ng	99
34) Bis(2-ethylhexyl)phtha...	20.902	149	274	0.028	ng	# 85

(#) = qualifier out of range (m) = manual integration (+) = signals summed

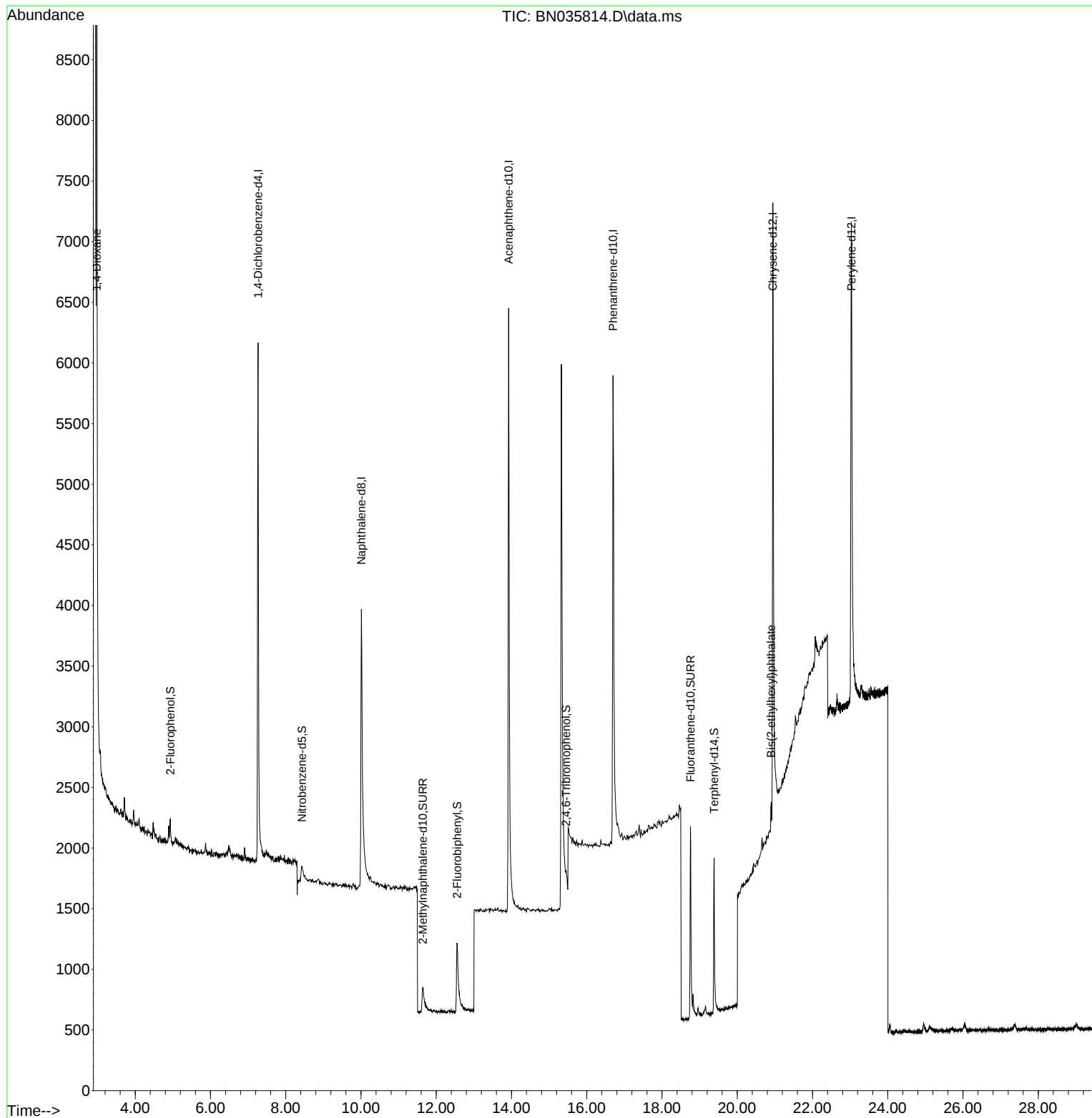
Data Path : Z:\svoasrv\HPCHEM1\BNA_N\Data\BN122324\
Data File : BN035814.D
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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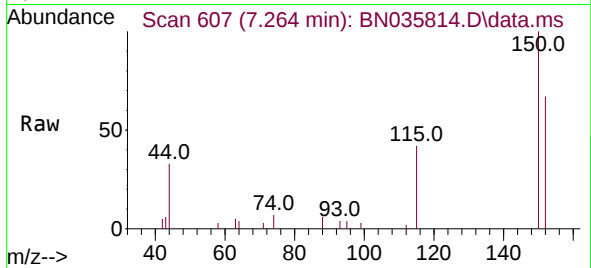
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024





#1
1,4-Dichlorobenzene-d4
Concen: 0.400 ng
RT: 7.264 min Scan# 60
Delta R.T. -0.008 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

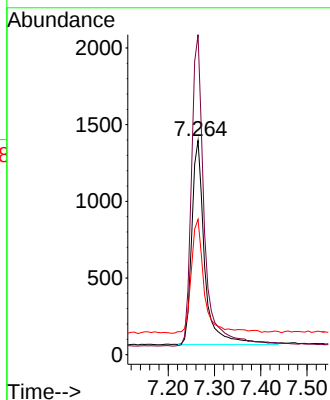
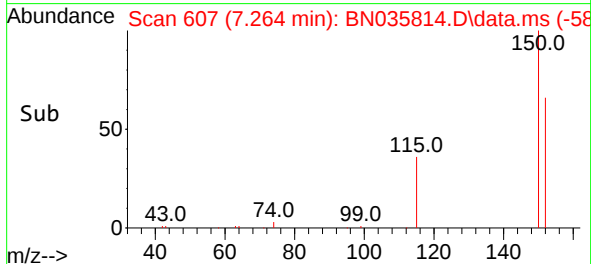
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:152 Resp: 2590
Ion Ratio Lower Upper
152 100
150 149.4 124.0 186.0
115 63.2 49.6 74.4

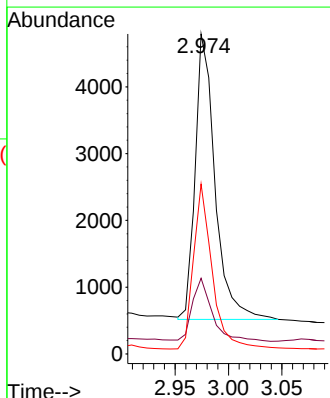
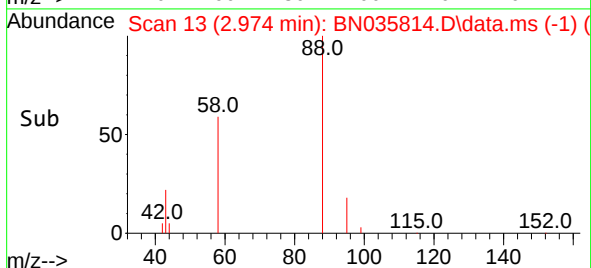
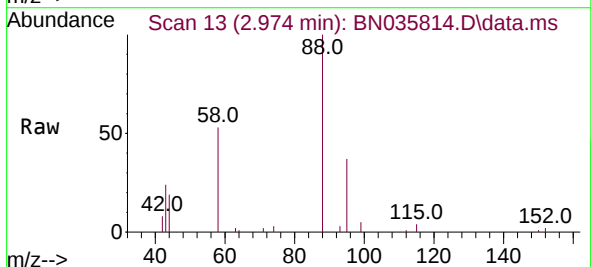
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Supervised By :mohammad ahmed 12/26/2024



#2
1,4-Dioxane
Concen: 2.228 ng
RT: 2.974 min Scan# 13
Delta R.T. -0.007 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

Tgt Ion: 88 Resp: 5530
Ion Ratio Lower Upper
88 100
43 22.2 17.2 25.8
58 54.6 44.5 66.7





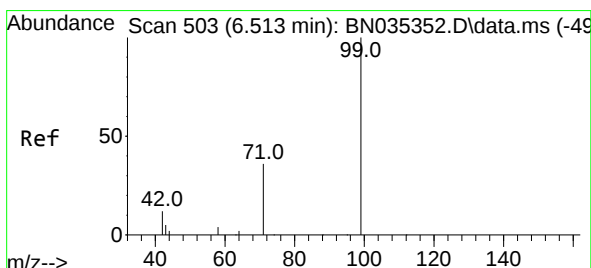
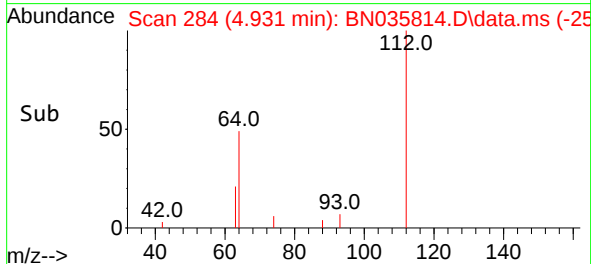
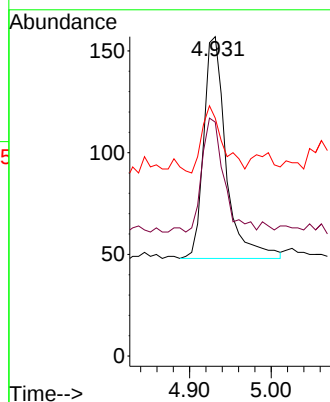
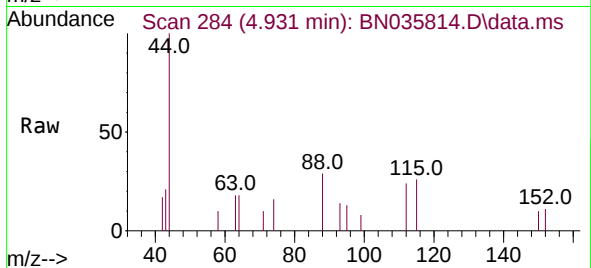
#4
2-Fluorophenol
Concen: 0.032 ng
RT: 4.931 min Scan# 21
Delta R.T. -0.007 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL

Tgt Ion:112 Resp: 208
Ion Ratio Lower Upper
112 100
64 50.5 39.8 59.8
63 28.4 21.0 31.6

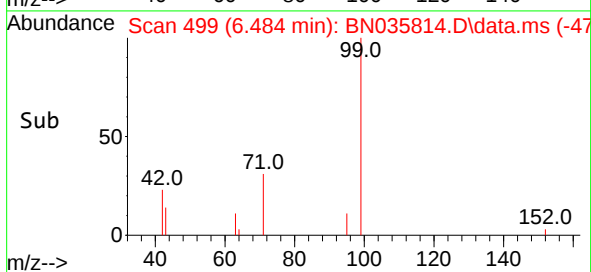
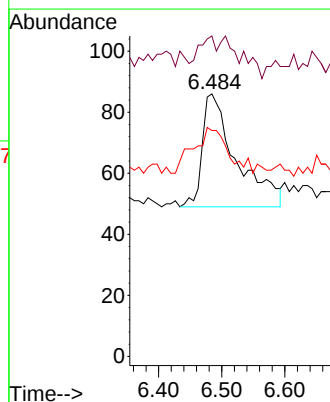
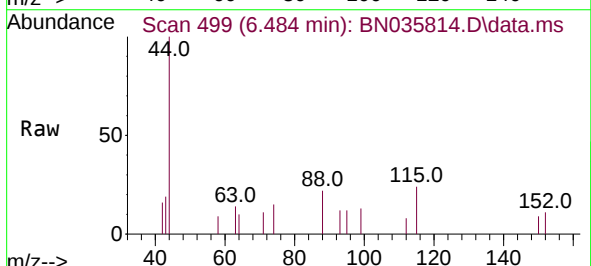
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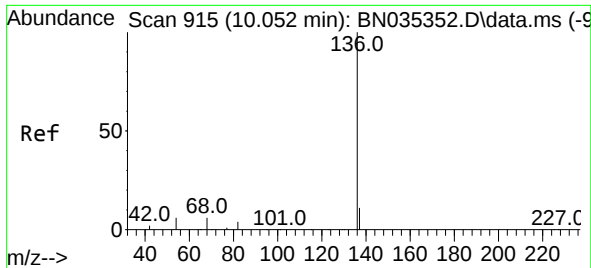
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#5
Phenol-d6
Concen: 0.018 ng
RT: 6.484 min Scan# 499
Delta R.T. -0.007 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

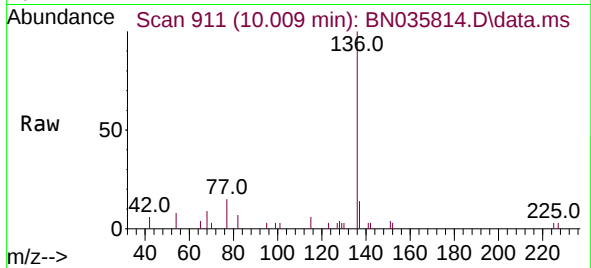
Tgt Ion: 99 Resp: 138
Ion Ratio Lower Upper
99 100
42 10.9 11.4 17.2#
71 42.8 29.3 43.9





#7
Naphthalene-d8
Concen: 0.400 ng
RT: 10.009 min Scan# 915
Delta R.T. -0.011 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

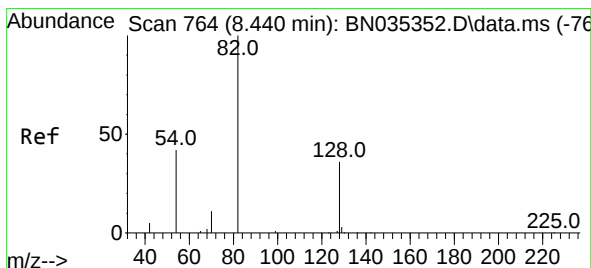
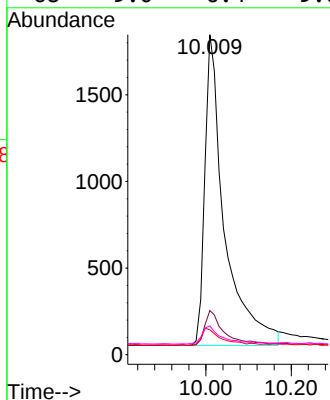
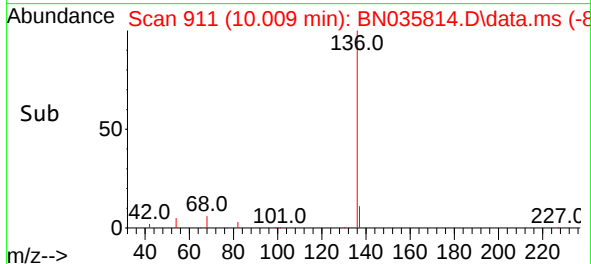
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:136 Resp: 5729
Ion Ratio Lower Upper
136 100
137 13.8 10.2 15.2
54 7.8 6.1 9.1
68 9.0 6.4 9.6

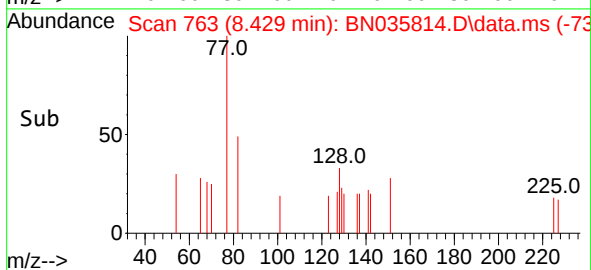
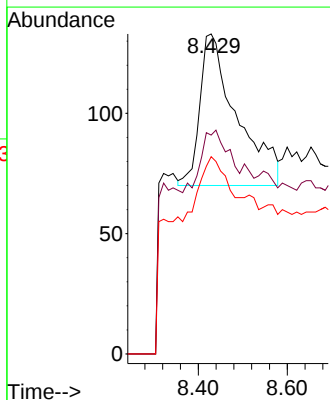
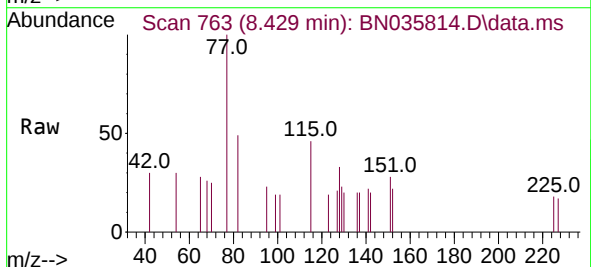
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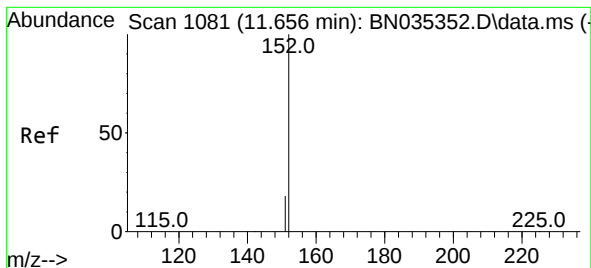
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#8
Nitrobenzene-d5
Concen: 0.104 ng m
RT: 8.429 min Scan# 763
Delta R.T. 0.021 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

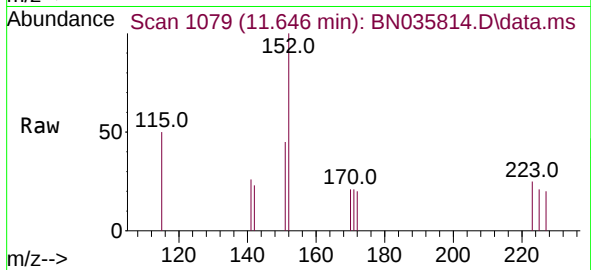
Tgt Ion: 82 Resp: 365
Ion Ratio Lower Upper
82 100
128 68.4 33.4 50.0#
54 61.7 36.7 55.1#





#11
2-Methylnaphthalene-d10
Concen: 0.090 ng
RT: 11.646 min Scan# 1081
Delta R.T. 0.025 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

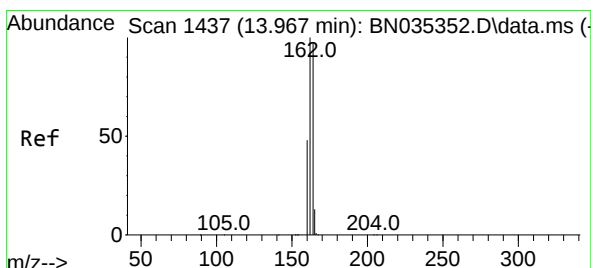
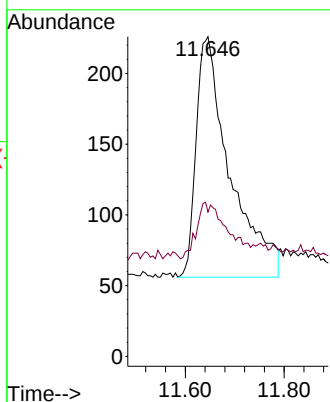
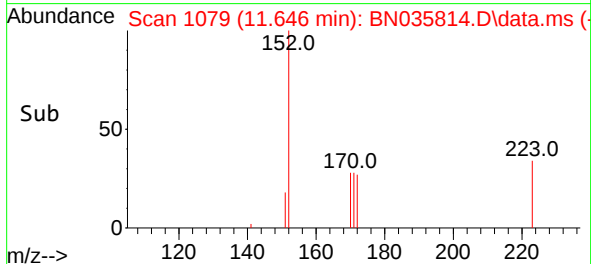
Instrument :
BNA_N
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RE120D3-20241210DL



Tgt Ion:152 Resp: 800
Ion Ratio Lower Upper
152 100
151 8.2 16.6 25.0

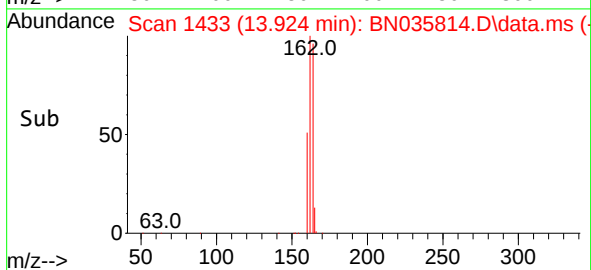
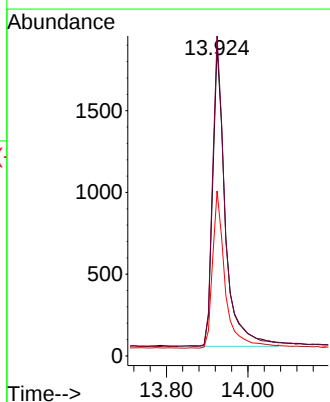
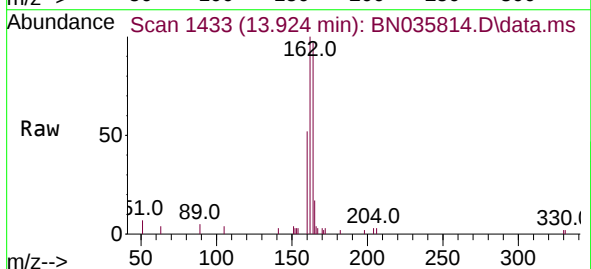
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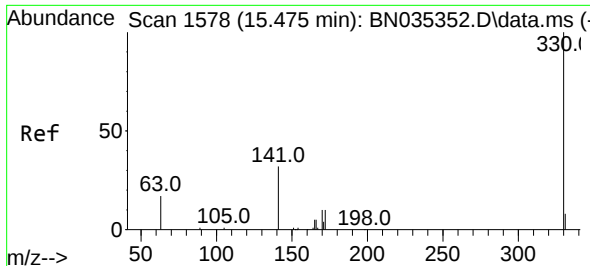
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Supervised By :mohammad ahmed 12/26/2024



#13
Acenaphthene-d10
Concen: 0.400 ng
RT: 13.924 min Scan# 1433
Delta R.T. -0.011 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

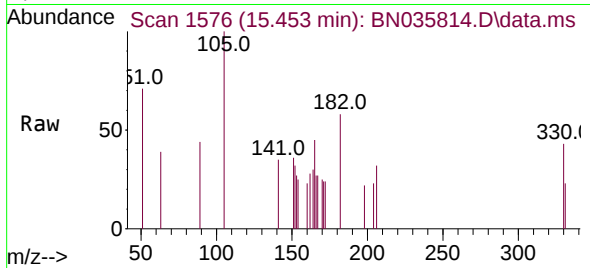
Tgt Ion:164 Resp: 3974
Ion Ratio Lower Upper
164 100
162 103.5 82.2 123.2
160 53.4 40.1 60.1





#14
2,4,6-Tribromophenol
Concen: 0.049 ng m
RT: 15.453 min Scan# 11
Delta R.T. -0.000 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

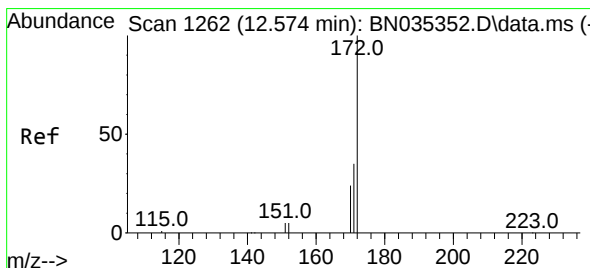
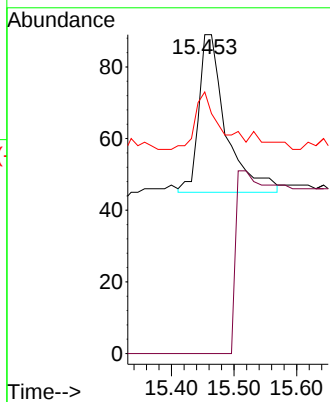
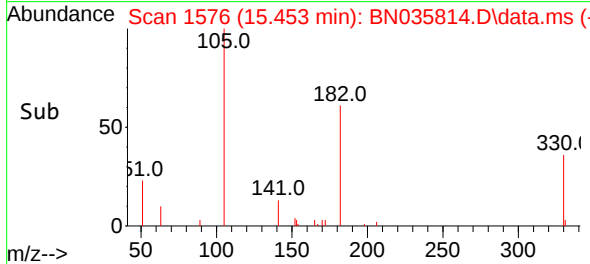
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ClientSampleId :
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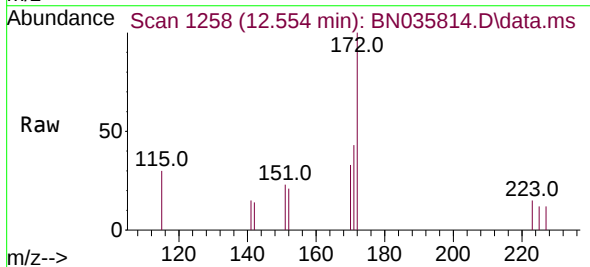
Tgt Ion:330 Resp: 138
Ion Ratio Lower Upper
330 100
332 0.0 0.0 0.0
141 39.1 26.6 40.0

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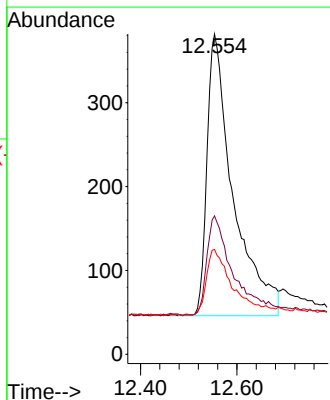
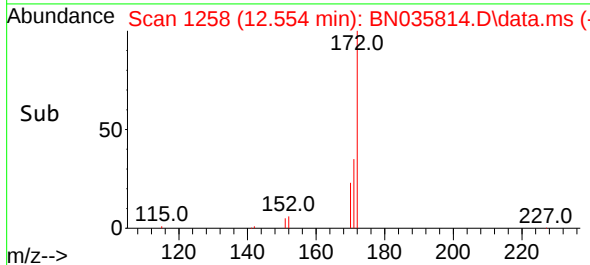
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#15
2-Fluorobiphenyl
Concen: 0.084 ng
RT: 12.554 min Scan# 1258
Delta R.T. 0.010 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46



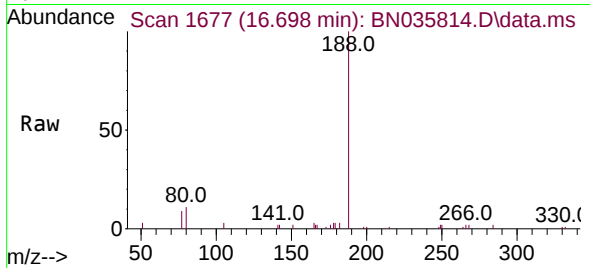
Tgt Ion:172 Resp: 1265
Ion Ratio Lower Upper
172 100
171 43.2 29.0 43.4
170 32.7 19.8 29.8#





#19
Phenanthrene-d10
Concen: 0.400 ng
RT: 16.698 min Scan# 110
Delta R.T. -0.000 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

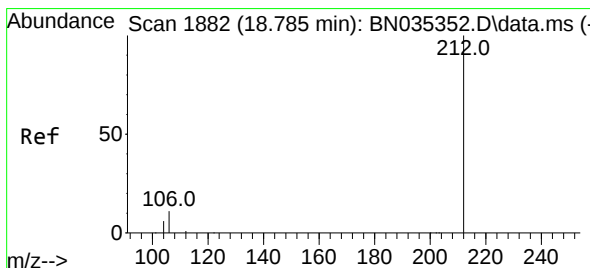
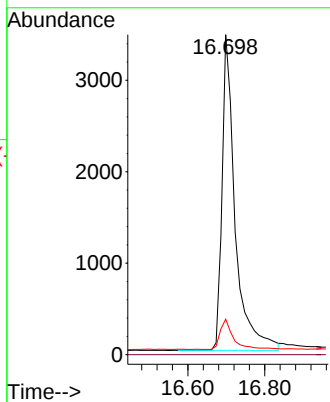
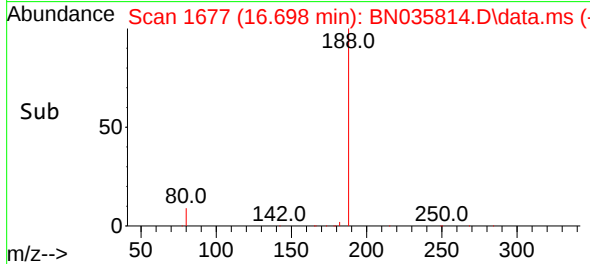
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:188 Resp: 821
Ion Ratio Lower Upper
188 100
94 0.0 0.0 0.0
80 11.1 4.6 6.8

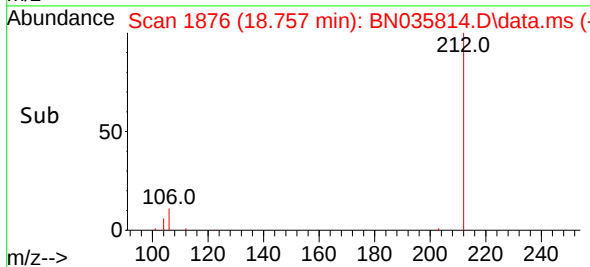
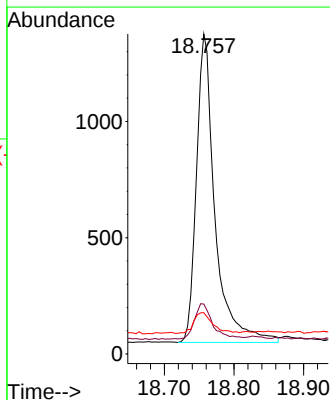
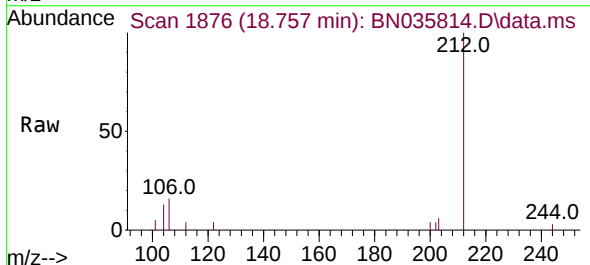
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#27
Fluoranthene-d10
Concen: 0.106 ng
RT: 18.757 min Scan# 1876
Delta R.T. -0.005 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

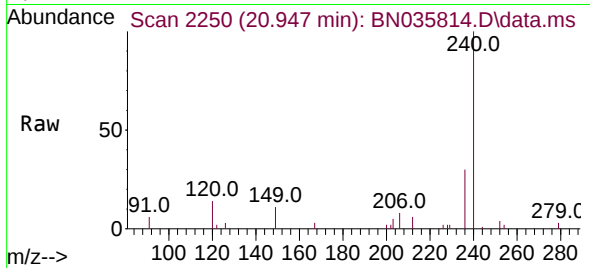
Tgt Ion:212 Resp: 2456
Ion Ratio Lower Upper
212 100
106 11.3 9.2 13.8
104 6.8 5.3 7.9





#29
Chrysene-d12
Concen: 0.400 ng
RT: 20.947 min Scan# 2101
Delta R.T. -0.009 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

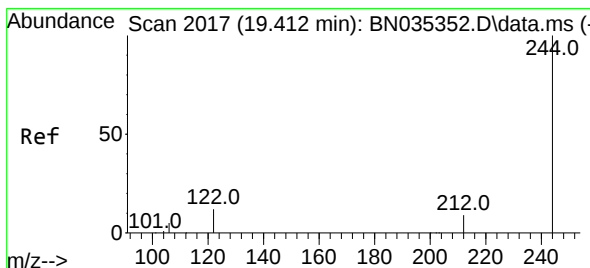
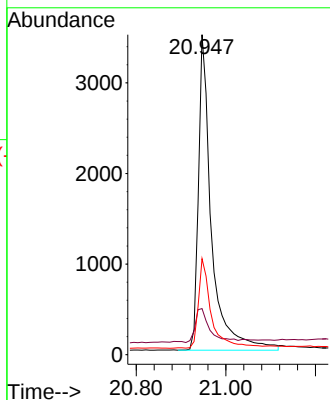
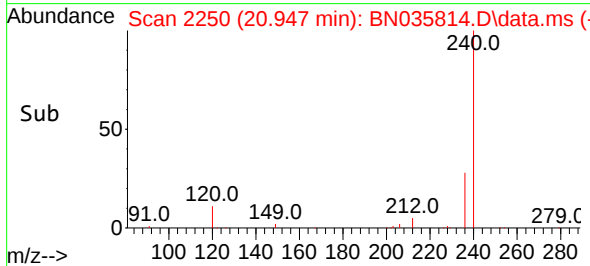
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:240 Resp: 7040
Ion Ratio Lower Upper
240 100
120 14.4 7.9 11.9#
236 30.0 22.9 34.3#

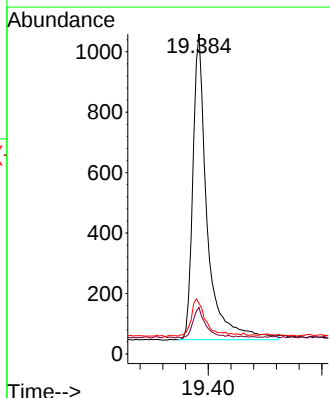
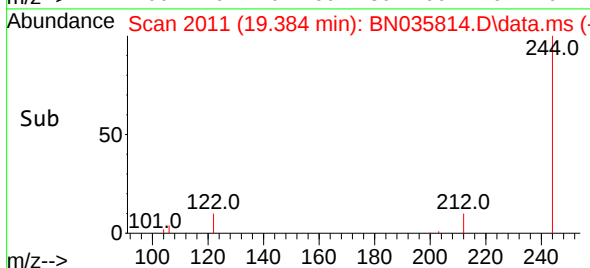
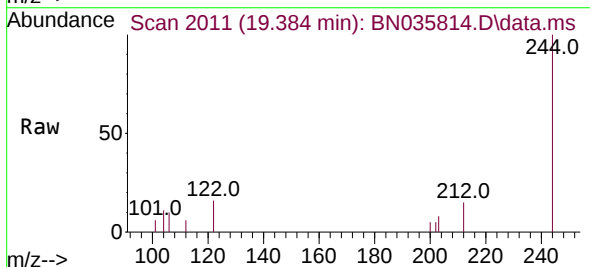
Manual Integrations
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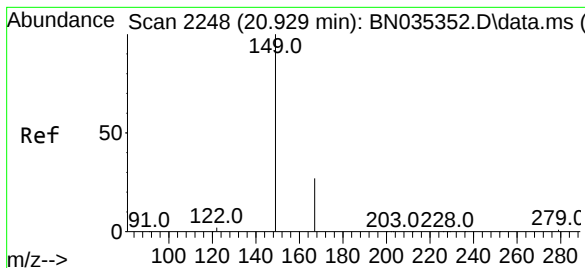
Reviewed By :Yogesh Patel 12/25/2024
Supervised By :mohammad ahmed 12/26/2024



#31
Terphenyl-d14
Concen: 0.127 ng
RT: 19.384 min Scan# 2011
Delta R.T. -0.005 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

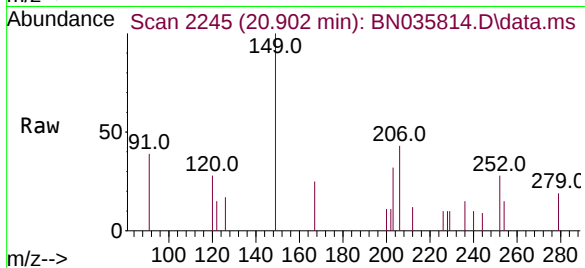
Tgt Ion:244 Resp: 1770
Ion Ratio Lower Upper
244 100
212 14.5 8.1 12.1#
122 15.8 10.3 15.5#





#34
Bis(2-ethylhexyl)phthalate
Concen: 0.028 ng
RT: 20.902 min Scan# 21
Delta R.T. -0.009 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

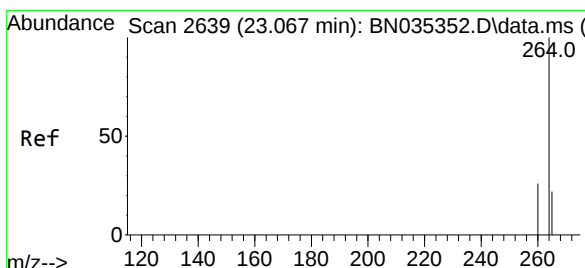
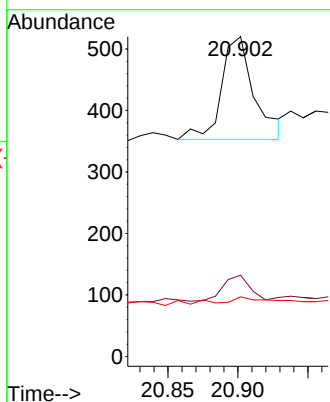
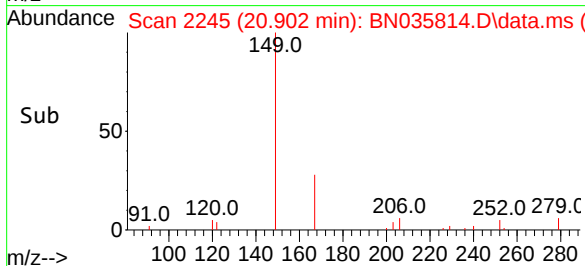
Instrument :
BNA_N
ClientSampleId :
RE120D3-20241210DL



Tgt Ion:149 Resp: 274
Ion Ratio Lower Upper
149 100
167 21.5 22.2 33.4
279 16.1 2.7 4.1

Manual Integrations
APPROVED

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#35
Perylene-d12
Concen: 0.400 ng
RT: 23.032 min Scan# 2627
Delta R.T. -0.009 min
Lab File: BN035814.D
Acq: 24 Dec 2024 10:46

Tgt Ion:264 Resp: 7087
Ion Ratio Lower Upper
264 100
260 27.8 21.4 32.2
265 94.0 40.2 60.4

